

OPR T40



Patent pending OPR T40 is an oil pressure regulation system for turbochargers. It helps prevent compressor or turbine stage oil leaking/smoking and takes the guesswork out of oil restrictor sizing for more efficient and effective oil delivery. The OPR ensures the oil pressure going to the turbocharger never exceeds 40psi, regardless of engine oil pressure. A true plug and play setup for oil feed to turbochargers, restrictors not required.

- Suitable for all turbochargers
- -4 AN port fittings
- 1/8" NPT gauge port for data logging
- Suitable for all oils
- Non-directional inlet feed logic
- Non-adjustable, set and forget

Mechanical Data

Control diameter	3mm
Mass	Xg
Safe working pressure max.	1100 kPag / 160 psi / 11 bar
Actuator life	>10000k cycles @ 180°C ambient
Piston pressure bias	1:1
	Inlet: 2x -4 AN
	Outlet: 1x -4 AN
	Gauge: 1x 1/8" NPT

Material Data

Beryllium (Be)	0%
Main body	6061 T6 anodised Al.
Valve	6061 T6 hard anodised Al.
Elastomers	Viton // HNBR
Springs	Range 2 Zinc Plated

Order Data

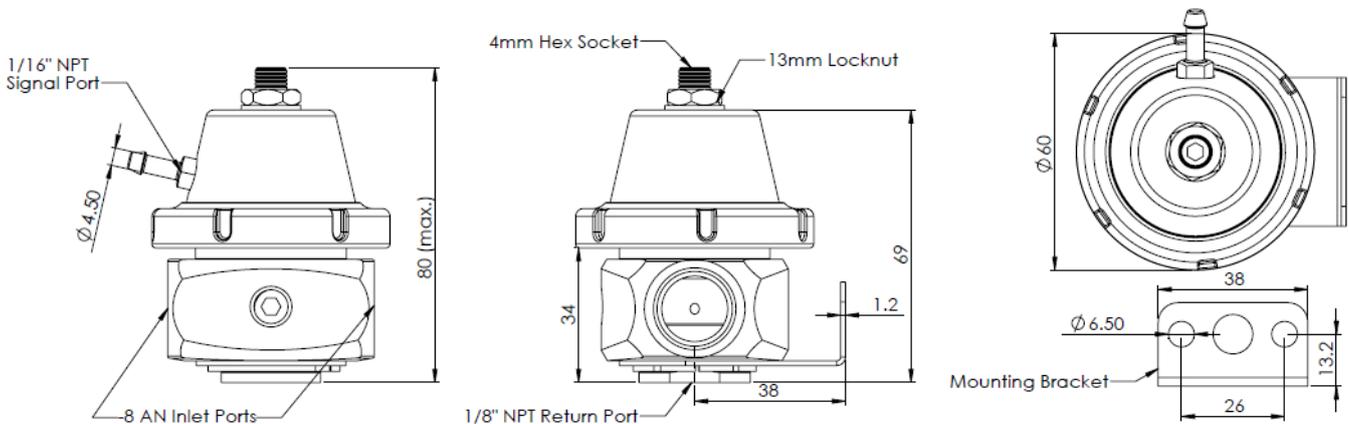
Refer to catalogue for accessories

Thermal Data

Min. Operating Temperature	-30°C
Max. Operating Temperature	200°C

Flow Data

Max. Flow (through return)	Viscosity dependant
Bypass @ 40psi (SAE 0W-30)	248 L/h
Bypass @ 40psi (SAE 10W-40)	176 L/h
Bypass @ 40psi (SAE 15W-60)	106 L/h



*Power calculated is using industry average values, please allow for some safety margin for your application, if in doubt, the next size up regulator is a safe decision.